


[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

[Advanced Scholar Search](#)
[Scholar Preferences](#)
[Scholar Help](#)

Scholar All articles - [Recent articles](#) Results 1 - 10 of about 314 for [codebook neuron mahalanobi](#):

[Low-complexity fusion of intensity, motion, texture, and edge for image sequence segmentation: a ... - all 2 versions »](#)

J Kim, T Chen - *Neural Networks for Signal Processing X*, 2000. [Proceedings ...](#), 2000 - [ieeexplore.ieee.org](#)

... Mahalanobis distance scales each feature so that all ... [trained networks](#), and the [trained](#)

codebook can be ... of neighborhood neurons around a winning neuron are also ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#)

[\[CITATION\] PERFORMANCE STUDIES OF LEARNING VECTOR QUANTIZATION NEURAL NETWORK CLASSIFIERS](#)

S BARANOWSKI, R PIMMEL - *Intelligent Engineering Systems Through Artificial Neural ...*, 1991 - ASME Press

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

[\[CITATION\] AN EVALUATION OF KOHONEN'S SECOND LEARNING VECTOR QUANTIZATION NEURAL NETWORKS](#)

SBR PIMMEL - *Intelligent Engineering Systems Through Artificial Neural ...*, 1991 - ASME Press

[Related Articles](#) - [Web Search](#)

[\[PDF\] Use of Cluster Analysis in Automation Technology](#)

V Hietanen - *automation.it.hi.fi*

... Mahalanobis distance between x and v is defined as: ... 3. Find the neuron with the closest prototype vector $c \in \Gamma$ 4. Update the codebook vectors of all neurons ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Outlier Detection in Near Infra-Red Spectra with Self-Organizing Map](#)

李晓霞, 李刚, 林凌, 刘玉良, 王焱, 李健, ... - *Transactions of Tianjin University (天津大学学报: 英文版)*, 2005 - [维普资讯](#)

... The reference vectors together form a code—book . The neurons ... is high . Eventually , only few codebook vectors lie ... component of input vector of neuron i with ...

[Web Search](#)

[Statistical aspects of neural networks](#)

BD Ripley - *Networks and Chaos—Statistical and Probabilistic Aspects*, 1993 - [books.google.com](#)

... or outputs) y . The inputs are connected to one or more neurons in the input layer, and these are connected in further layers until they reach the output neuron ...

[Cited by 247](#) - [Related Articles](#) - [Web Search](#)

[Comparison of Hybrid Neural Systems of KSOM-BP Learning in Artificial Odor Recognition System - all 5 versions »](#)

B Kusumoputro, A Saplawijaya, A Murni - *Proceedings Fourth International Conference on Computational ...*, 2001 - [doi.ieeecomputersociety.org](#)

... cluster-neuron is calculated through Mahalanobis distance M_j ... form the optimal set of codebook vectors, where ... winning probability of each neuron is dynamically ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

[Outlier Detection Using Replicator Neural Networks - all 15 versions »](#)

S Hawkins, H He, G Williams, R Baxter - *Proceedings of the 4th International Conference on Data ...*, 2002 -

Springer

... use distance metrics such as Mahalanobis distance [2 ... of all the patterns in the codebook (identifying clusters ... output Total normal attack Index Neuron 1 Neuron ...

Cited by 55 - Related Articles - Web Search - BL Direct

[PS] Mette Langaas Department of Mathematical Sciences The Norwegian Institute of Technology The ... - all 2 versions »

MC Classification - math.ntnu.no

... criteria and on regularization, in section 4. A small comparative empirical study involving mixture codebook classification, static neural networks and ...

Related Articles - View as HTML - Web Search

Multiple feature clustering for image sequence segmentation - all 2 versions »

J Kim, T Chen - Pattern Recognition Letters, 2001 - Elsevier

... neural networks should use larger code book than the ... The output lattice dimension (codebook size) for the ... distance is adjusted from maximum neuron distance to 1 ...

Cited by 3 - Related Articles - Web Search

Key authors: J Kim - A Corradini - B Ripley - A Naftel - S Khalid

Google ►

Result Page: 1 2 3 4 5 6 7 8 9 10 Next

codebook neuron mahalanobis

Search

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2008 Google